

IN THE CLAIMS

A marked up version of the claims as amended is set forth below.

Please amend the claims as follows:

1. (Currently amended) An apparatus for attenuating undesirable high frequency signals in an alternating current (AC) power signal comprising:

a capacitor for attenuating undesirable high frequency signals in an AC power signal, when connected to the AC power signal;

a control device having two terminals and a control electrode, coupled to the capacitor, the control being normally off when the capacitor is connected to the AC power signal;

a control circuit for sensing a high potential on the capacitor when ~~[[it]]~~ the capacitor is disconnected from the AC power signal, coupled to the control electrode of the control device for causing the control device to conduct to dissipate the high potential; and

a varistor coupled between one of the two terminals and the control electrode of the control device for surge protection from unusually high voltages at the power source when the capacitor is coupled to the AC power signal, ~~the variable resistor~~ varistor causing the control device to conduct in the presence of the unusually high voltage.

2. (Cancelled)

3. (Previously amended) The apparatus of claim 1, wherein the varistor has cross-bar characteristics.

4. (Original) The apparatus of claims 1 or 3, wherein the control device is a TRIAC.
5. (Previously amended) The apparatus of claim 4, wherein the two terminals of the control device are an anode terminal and cathode terminal, and wherein the varistor is coupled between the control electrode and the anode.
6. (Previously amended) The apparatus of claim 1 including a resistor coupled in series with the control device
- 7-12. (Cancelled)